SPEC® CINT2006 Result

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Lenovo Group Limited

(Test Sponsor: Intel Corporation)

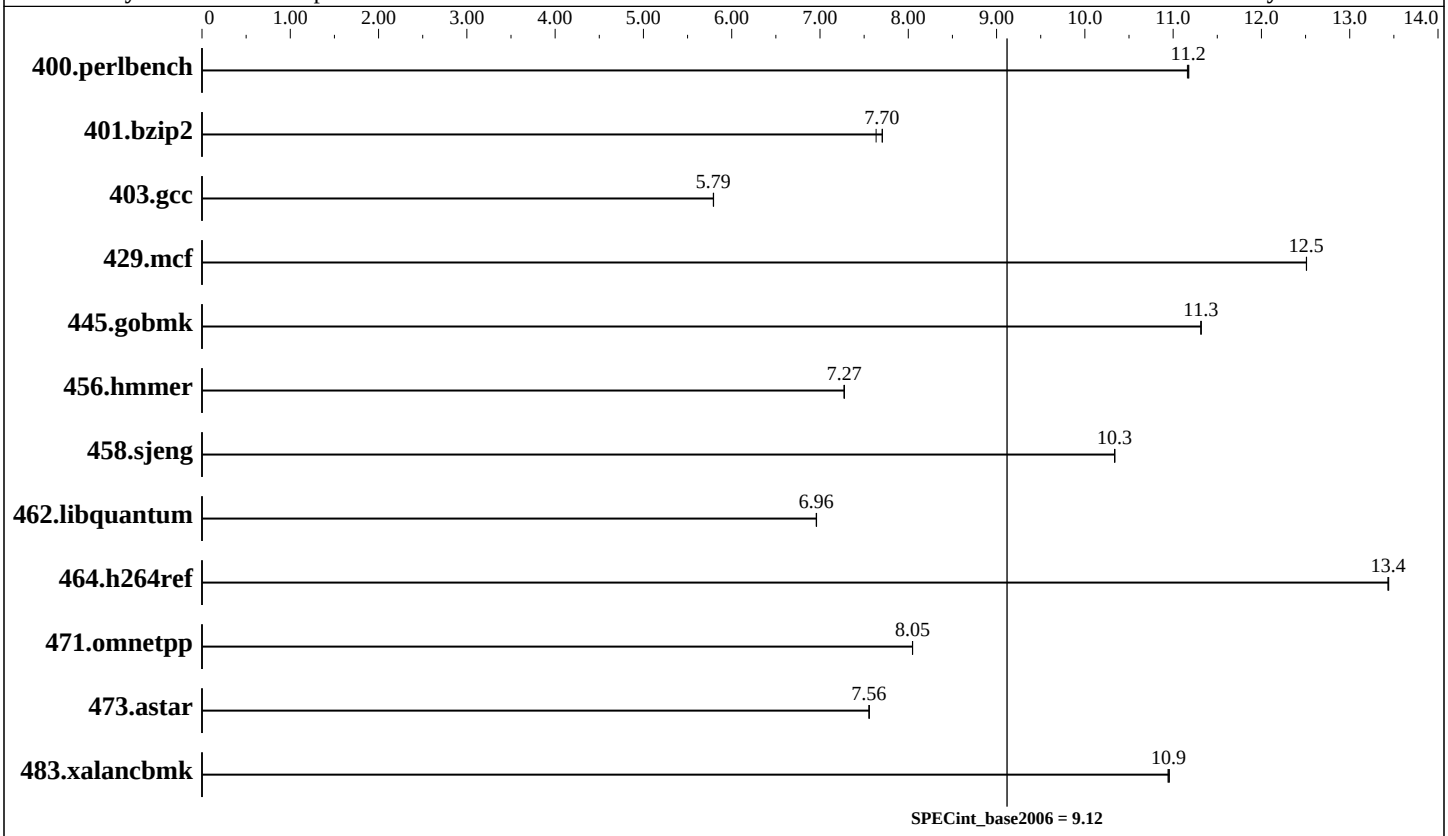
Lenovo ThinkPad T43(Intel Pentium M 750)

SPECint®2006 = Not Run

SPECint_base2006 = 9.12

CPU2006 license: 13
Test sponsor: Intel Corporation
Tested by: Intel Corporation

Test date: Jun-2007
Hardware Availability: Jun-2007
Software Availability: Feb-2007



Hardware

CPU Name:	Intel Pentium M 750
CPU Characteristics:	1.86 GHz 2MB L2
CPU MHz:	1867
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1 chip
Primary Cache:	32 KB I + 32 KB D on chip per chip
Secondary Cache:	2 MB I+D on chip per chip
L3 Cache:	None
Other Cache:	None
Memory:	1 GB (2x512 MB Samsung* PC2-4200s DDR2-533 4-4-4-12)
Disk Subsystem:	Hitachi* HTS721010G9 SATA 100GB 7200RPM
Other Hardware:	None

Software

Operating System:	Windows XP Professional w/ SP2
Compiler:	Intel C++ Compiler for IA32 version 9.1 Build no 20060816 Microsoft Visual Studio .Net 2003 (for libraries)
Auto Parallel:	No
File System:	NTFS
System State:	Default
Base Pointers:	32-bit
Peak Pointers:	Not Applicable
Other Software:	SmartHeap library V7.4 from Microquill

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Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	875	11.2	874	11.2	**874**	**11.2**						
401.bzip2	1264	7.64	1252	7.71	**1253**	**7.70**						
403.gcc	**1390**	**5.79**	1389	5.79	1390	5.79						
429.mcf	729	12.5	729	12.5	**729**	**12.5**						
445.gobmk	927	11.3	**927**	**11.3**	927	11.3						
456.hmmer	1283	7.27	1282	7.28	**1283**	**7.27**						
458.sjeng	1170	10.3	1171	10.3	**1170**	**10.3**						
462.libquantum	2977	6.96	**2977**	**6.96**	2978	6.96						
464.h264ref	1647	13.4	**1647**	**13.4**	1646	13.4						
471.omnetpp	777	8.05	**777**	**8.05**	776	8.05						
473.astar	**929**	**7.56**	929	7.56	929	7.56						
483.xalancbmk	**630**	**10.9**	631	10.9	630	11.0						

Results appear in the order in which they were run. Bold underlined text indicates a median measurement.

General Notes

```
Binaries built on Windows XP Professional w/ SP2
Vista Power Profile set to High Performance
```

Base Compiler Invocation

C benchmarks:

```
icl -Qvc7.1 -Qc99
```

C++ benchmarks:

```
icl -Qvc7.1
```

Base Portability Flags

403.gcc: `-DSPEC_CPU_WIN32`
464.h264ref: `-DSPEC_CPU_NO_INTTYPES -DWIN32`

Base Optimization Flags

C benchmarks:

```
-QxN -Qipo -O3 -Qprec-div- /F512000000 shlw32m.lib
            -link /FORCE:MULTIPLE
```

Continued on next page

Base Optimization Flags (Continued)

C++ benchmarks:
```
-QxN -Qipo -O3 -Qprec-div- -Qcxx_features /F512000000 shlw32m.lib
-link /FORCE:MULTIPLE
```

Base Other Flags

C benchmarks:

403.gcc: `-Dalloca=_alloca`

The flags file that was used to format this result can be browsed at
`http://www.spec.org/cpu2006/flags/Intel-ic91-ia32-flags.20090714.00.html`

You can also download the XML flags source by saving the following link:
`http://www.spec.org/cpu2006/flags/Intel-ic91-ia32-flags.20090714.00.xml`

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For other inquiries, please contact webmaster@spec.org.

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